

Hood's Calendar 1899

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ROCK OR GRAVEL ROADS.

A Paper by T. O. Stanley, Sedalia, Mo., Read at the Seventh Annual Meeting of the Missouri Road Improvement Association, Held December 16, at Mexico, Missouri.

The advantage of good roads over bad ones is such a self-evident fact that it seems folly to discuss that phase of the subject. However a few words on this particular bearing of the case may not be out of place.

Common sense will tell us that with other things being equal, property located on a good road is more valuable than the same property on a bad road. This fact was very strikingly illustrated to the writer on a recent visit to Kentucky, that state so noted for its pretty women, fine horses and good rock roads. It was found that farms located on or near a good turnpike road were worth from \$50 to \$75 per acre, while farms equally as desirable in every other particular, but situated from three to five miles from a rock road with bad roads connecting, were only worth from \$20 to \$40 per acre.

When Missouri became a state 78 years ago the country was but thinly settled and the travelers and freighters were not confined to the narrow lanes, but could wend their ways over the broad prairies wherever they found the ground best suited to their purpose. Since the country has become more thickly settled, having now one human being for each 16 acres of land, outside of the large cities, the travel on our highways has more than kept pace with the increase of population, and is not confined to the narrow pathways. When the roads were new, the sod formed a kind of top soil served as a sub-drainage, but it has been or is fast being worn away, leaving nothing for a roadbed but the sub-soil, which in most parts of this state is but a kind of gumbo or clay that retains the water that falls into the horse tracks or wheel ruts and serves to increase the depth of the mud; so that it is next to impossible to make or maintain a good road for more than just a few months in the year. In fact it can well be compared to putty, for the more you work it the softer it gets. While our natural roads are thus being destroyed and worn away, the demand and needs for better roads are growing with increased ratio to our population.

With these conditions and facts staring us in the face, it seems impracticable, if not impossible, to build good roads with dirt, or to make our dirt roads so that they will be good at all seasons of the year, and we must resort to artificial means to build good roads, and as rock and gravel are the most convenient and economical, it is well that we consider them. It has been said that "rock or gravel roads are a luxury," which, according to Webster's definition of the word, means that they are expensive and hard to get; a rarity, with which statement I am willing to agree. But that does not prove that they are a necessity and a comfort that we must forever forego.

The fact is becoming more apparent year by year that we must sooner or later resort to such methods of

improving our highways. While a great many are content to use the dirt roads and will contend that they are the best roads when they are dry, yet I find that those that have both almost always use the rock. Others will tell us that the cost of building them is so great that we can never be able to have rock roads in this country. Too many are of the opinion of a road commissioner I talked to not long since; he contended that the macadam must be not less than two feet thick and 25 or 30 feet wide to make a road. At the same time in the city where he lived were streets that were subjected to the heaviest kind of traffic that had only six and eight inches of broken stone on a flat earth foundation and had been in use for years at a very nominal cost for repairs. While the cost of building roads varies greatly, according to local conditions, I have nearly always found that the necessary cost is greatly overestimated by the masses of the people. I find that most people advocate the rocks or gravel on the road 16 feet wide, while eight feet is all that is ever used except in some instances near large cities and towns. I shall not go into details as to how such roads should be built, further than to say that road building is a science, and should be looked after in every detail by a competent and practical engineer trained and educated in the art of road building.

After the kind of road is decided upon, and properly located, the grading should be done and all cross and sub-drainage put in, so as to keep the water from accumulating and standing near the sides of the road. The cost of which can only be estimated by the engineer after he has gone over the ground.

The cost of quarrying, breaking, hauling and spreading the stone for roads of the width of eight feet, under conditions as I have found them in several instances, are as follows: The cost of quarrying and crushing the stone with a steam rotary crusher, and spreading them on the road, was 35 cents per cubic yard when measured loose. A road-way eight feet wide and eight inches thick requires 782 loads of one and one-half yards each, or 1160 cubic yards; this with a haul of one-half mile will cost \$959 per mile.

	Per Mile.
With a haul of 1/2 mile will cost	\$ 959
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Pretty, vivacious, May Smith Robbins who made a tremendous hit when seen in her new play "Little Trixie," at the Standard last season, was welcomed back to that house by an overflowing audience in the same play last night. The play has a touching story which is set in a brilliant setting of many amusing incidents, which in the hands of Miss Robbins and her clever coterie of players is given full scope. Miss Robbins is not only a charming vocalist, but a versatile actress, as was proven by the splendid manner in which she assumed a half dozen widely different characters. These included a German flower girl, French maid, Irish woman, country girl, etc., and so well did she disguise her personality that many of the audience were slow to believe that one person was enacting these totally different roles. There are many strikingly catchy musical numbers scattered through the four acts, and some clever specialties are introduced by high class artists. The company surrounding the bright particular star is composed of some splendid material, the comedians being of the class that really amuse.—Philadelphia (Pa.) Times. At the Marshall Opera House Friday, Jan. 6th. The attraction is a guaranteed one.

Mrs. L. H. Hightshoe, of Marshall, who has been the guest of relatives in this county, was in Mexico Tuesday enroute to Auxvasse, where she will visit relatives.—Ledger.

Miss Mary Northern, of Marshall, is home to spend the holidays.—Ledger.

Waverly Mill Burned.
The Waverly Sowing mill burned last evening. The mill was in operation up to five o'clock when all employees left for their homes. About half past six some one noticed smoke and flames issuing from the building and gave the alarm. The mill contained over 10,000 pounds of flour on deposit by customers, besides a large stock of grain belonging to the proprietors of the mill. The insurance was only partial.—Quiviver.

A Fine Piece of Color Work.
An experienced art critic gives it as his opinion that there will be no handsomer piece of color work issued this year, than Hood's Sarsaparilla Calendar for 1899. It is not only useful, but artistic and beautiful, and up to date. The charming "American Girl" whose beautiful face appears with a delicately painted flag in the background, makes a pleasing feature which anyone will be pleased to have before him the whole of 1899. We suppose druggists will have this Calendar, or a copy may be obtained by sending 6 cents to C. I. Hood & Co., Lowell, Mass.

The big success of last season, "Little Trixie" interpreted by May Smith Robbins and a clever cast will be the attraction at the Opera House Friday Jan 6. The play of "Little Trixie" occupies a peculiar position in the dramatic world as it is not only bubbling over with fun, but also is a clever drama, in which the story is at all times interesting and pleasing. This year it has been brightened by the introduction of a number of specialties and as it was always a favorite play in this city, it will no doubt be accorded a hearty welcome and a large audience.

A pleasant surprise party was given the Misses Wilts at their home Tuesday night. Among those present were Misses Mabel and Freda Davidson, Mary Powell, Belle Cannon, Lillian Bernum, Winston Land, Allen Brown, Messrs. Will Burton, Lee Cannon, Virgil Burroughs, Oscar Leimbuck, John Lee, Will Land. All seemed to enjoy themselves, and hope for many similar occasions in the future.—Gilliam Bee.

B. F. West and Zeke Paris, guards, brought ten boys up Monday from Monksboro, 1 T. consigned to the Reform school from the United States court, charged with various crimes. There were seven negroes, two whites and one Indian. The guards were Cherokees and one white gentleman—Beverly L. dependent.

Owing to the Standard Police China Record Meeting at St. Louis, Mo., February 1st, the combined Police from the Sale of Hull, Pa., and Wm., which was to be held at St. Louis, February 1st, has been postponed to February 9th. This will bring a good crowd of Police and China breeders to St. Louis very fine dogs will be sold at that time.—

ASSIGNEE'S NOTICE TO CREDITORS.
Notice is hereby given to all persons having claims against W. M. Hall, of Napan, Saline Co., Missouri (assignor), lately doing business in said town, and farming on "Emerson Farm" one-half mile North of said town, to present the same with vouchers thereof duly verified, to the undersigned assignee, who was duly appointed assignee of said W. M. Hall for the benefit of his creditors, at my office in Marshall, Missouri, on the 23rd, 24th and 25th days of January, 1899, as I shall sit for the allowance of claims on said days.

HARRY H. PARSONS, Assignee.

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Everyone must admit that this institution is the proper place for young ladies desiring a complete and refined education. Many of the best young ladies of Saline County are proud of having been pupils of St. Saviors Academy.

This institution is now too well known through this part of Mo. to need further comment. Pupils bringing satisfactory references will be received at any time during the scholastic year.

For further particulars, address:

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Seeing a Bullet in Flight.
"As every sportsman knows," said an enthusiastic New Orleans hunter, "it is easy to see a rifle bullet in the air, and those fired from the new high power guns are very curious to look at. Stand a dozen yards at one side of the mark and let a friend blaze away at any range with a small caliber weapon using smokeless powder, and you'll see a strange, bluish white streak the instant the bullet strikes home. The streak is apparently a couple of inches wide and several feet long and is more like a flash of light than anything else I can think of."

"With the old fashioned Remington or Springfield carbine the bullet has the appearance of a long black rod, and I don't know why there should be such a difference in the optical illusion produced by the smaller caliber. I have heard some people deny that the bullet can be seen, but they are very much in error. It all depends on getting the right viewpoint. A few feet either way will render the missile invisible, but the right spot is soon found by experiment, and after that the thing is as plain as day."—New Orleans Times-Democrat.

Big Nose and Big Nose.
Cyrano de Bergerac is remembered because of his large nose. Few know that he was a poet, and fewer still know his poetry. The nose is a conspicuous feature of history. The length of Cleopatra's is said to have figured in Roman politics, and a scandal grew out of it which ended in the ruin and death of Antony and the establishment of an empire which lasted a thousand years. Napoleon would not promote a man who had not a large nose. He himself was well favored in this respect. Caesar was "the hook nosed Roman."

All American statesmen have been noted for this feature. Old men tell of our own Benton, who used to shake his nose like an elephant's proboscis when he got excited. It seems to be the law that all great men have great noses, but let no one think that the converse of this is true, that all men who have great noses are great men. Such a conclusion would lead to confusion and needless pain and disappointment.—St. Louis Post-Dispatch.

Evening Dress in Kansas City.
The dress suit is the most democratic garment in the world. It meets the requirements of good form, whether it was made six years ago or last month. Attired in evening costume, whether the swallows are long or short, narrow or wide, all men look, practically

speaking, alike, whether they are wage earners or millionaires. The dress suit levels all distinctions and illustrates the potentiality of a correct style. The young man who has made a good selection in his rented broadcloth serenely greets his wealthy rival who has paid for his London clothes prices like \$250. How the fame of this world grows small when wrapped in a swallowtail coat among many others of the same cut! When the dress suit becomes the regular evening calling and theater dress for Kansas City men, as it should be, the poor chaps will profit by it a full cubit of serenity and self respect.—Kansas City Star.

Charlie's Authority.
"I've called you three times, Charlie," said a mother to her little son, "and I'm very much annoyed because of your failure to answer me."

"Well, mamma," replied Charlie, who was very fond of reading Bible stories, "you ain't any better than the Lord, are you?"

"No, of course not," answered the mother in surprise. "Why did you ask that?"

"Because," replied the little fellow, "the Lord called Samuel three times, and he didn't get mad about it."—Chicago News.

She Said No.
Mrs. Mannerly (to her daughter, who has just returned from tea with friends)—I hope you said "No, thank you," oftener than you did "Yes, thank you."

Mabel—Yes I did. I hadn't been eating more than half an hour before they began saying "Don't you think you've eaten enough?" "Aren't you afraid you'll make yourself ill?" And I said, "No, thank you," every time.—London Fun.

Came Too Late.
Traveler from frontier district, striking hotel where advanced fashions have obtained, observes with an expression of pleased surprise the finger bowl set before him at the close of his meal.

"What's that for, waiter?"

"To wash your hands, sir."

"I wish I'd 'a' know'd it 'fore I began my dinner."—Mrs. B. Harrison in "Good Americans."

If we did but know how little some enjoy the great things that they possess, there would not be much envy in the world.—Young.

Asiatic cholera was first supposed to have originated from the consumption of uncooked rice and was called "the rice disease."